S. Devi

#5

1345

RAW SEQUENCE LISTING DATE: 01/31/2001
PATENT APPLICATION: US/09/412,558 TIME: 13:41:18

Input Set : A:\Sequence.txt
Output Set: N:\CRF3\01312001\I412558.raw


```
 4 <110> APPLICANT: Hwang, Jualang
 5       Hsu, Chia-Tse
 6       Ting, Chun-Jen
 8 <120> TITLE OF INVENTION: PEPTIDE REPEAT IMMUNOGENS
10 <130> FILE REFERENCE: 08919-022001
12 <140> CURRENT APPLICATION NUMBER: US 09/412,558
13 <141> CURRENT FILING DATE: 1999-10-05
15 <160> NUMBER OF SEQ ID NOS: 9
17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 10
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
25 Glu His Trp Ser Tyr Gly Leu Arg Pro Gly
26   1               5                  10
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 12
30 <212> TYPE: PRT
31 <213> ORGANISM: Vaccinia virus
33 <400> SEQUENCE: 2
34 Leu Ile Gly Ile Cys Val Ala Val Thr Val Ala Ile
35   1               5                  10
37 <210> SEQ ID NO: 3
38 <211> LENGTH: 252
39 <212> TYPE: PRT
40 <213> ORGANISM: Pseudomonas aeruginosa
42 <400> SEQUENCE: 3
43 Met His Leu Ile Pro His Trp Ile Pro Leu Val Ala Ser Leu Gly Leu
44   1               5                  10                  15
45 Leu Ala Gly Gly Ser Ser Ala Ser Ala Ala Glu Glu Ala Phe Asp Leu
46              20                  25                  30
47 Trp Asn Glu Cys Ala Lys Ala Cys Val Leu Asp Leu Lys Asp Gly Val
48          35                  40                  45
49 Arg Ser Ser Arg Met Ser Val Asp Pro Ala Ile Ala Asp Thr Asn Gly
50      50                  55                  60
51 Gln Gly Val Leu His Tyr Ser Met Val Leu Glu Gly Gly Asn Asp Ala
52  65                  70                  75                  80
53 Leu Lys Leu Ala Ile Asp Asn Ala Leu Ser Ile Thr Ser Asp Gly Leu
54                  85                  90                  95
55 Thr Ile Arg Leu Glu Gly Gly Val Glu Pro Asn Lys Pro Val Arg Tyr
56             100                 105                 110
57 Ser Tyr Thr Arg Gln Ala Arg Gly Ser Trp Ser Leu Asn Trp Leu Val
58         115                 120                 125
59 Pro Ile Gly His Glu Lys Pro Ser Asn Ile Lys Val Phe Ile His Glu
60     130                 135                 140
61 Leu Asn Ala Gly Asn Gln Leu Ser His Met Ser Pro Ile Tyr Thr Ile
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```
62 145                 150                 155                 160
63 Glu Met Gly Asp Glu Leu Leu Ala Lys Leu Ala Arg Asp Ala Thr Phe
64                 165                 170                 175
65 Phe Val Arg Ala His Glu Ser Asn Glu Met Gln Pro Thr Leu Ala Ile
66             180                 185                 190
67 Ser His Ala Gly Val Ser Val Val Met Ala Gln Thr Gln Pro Arg Arg
68         195                 200                 205
69 Glu Lys Arg Trp Ser Glu Trp Ala Ser Gly Lys Val Leu Cys Leu Leu
70     210                 215                 220
71 Asp Pro Leu Asp Gly Val Tyr Asn Tyr Leu Ala Gln Gln Arg Cys Asn
72 225                 230                 235                 240
73 Leu Asp Asp Thr Trp Glu Gly Lys Ile Tyr Arg Val
74                 245                 250
76 <210> SEQ ID NO: 4
77 <211> LENGTH: 30
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Synthetically generated primer
84 <400> SEQUENCE: 4
85 gaacattggt catatggact acggccggga                                    30
87 <210> SEQ ID NO: 5
88 <211> LENGTH: 30
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Synthetically generated primer
95 <400> SEQUENCE: 5
96 atatgaccaa tgttctcccg gccgtagtcc                                    30
98 <210> SEQ ID NO: 6
99 <211> LENGTH: 28
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Synthetically generated primer
106 <400> SEQUENCE: 6
107 gatccgcggc gaacattggt catatgga                                     28
109 <210> SEQ ID NO: 7
110 <211> LENGTH: 30
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Synthetically generated primer
117 <400> SEQUENCE: 7
118 gatcgaattc taatatgacc aatgttctcc                                   30
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 12
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING DATE: 01/31/2001
PATENT APPLICATION: US/09/412,558 TIME: 13:41:18

Input Set : A:\Sequence.txt
Output Set: N:\CRF3\01312001\I412558.raw

125 <220> FEATURE:
126 <223> OTHER INFORMATION: Synthetically generated primer
128 <400> SEQUENCE: 8
129 gatcgaattc ta 12
131 <210> SEQ ID NO: 9
132 <211> LENGTH: 10
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Synthetically generated primer
139 <400> SEQUENCE: 9
140 gatcccgcgg 10

VERIFICATION SUMMARY DATE: 01/31/2001
PATENT APPLICATION: US/09/412,558 TIME: 13:41:19

Input Set : A:\Sequence.txt
Output Set: N:\CRF3\01312001\I412558.raw